

This listing of claims will replace all prior versions, and listings of claims in the applications:

Listing of Claims:

1. (currently amended) Video processing apparatus comprising a set of spatial filter apertures and a slope detector, the apparatus selecting the appropriate filter aperture in accordance with the output of the slope detector and taking weighted contributions from pixels in the selected filter aperture, wherein every spatial filter aperture in said set of spatial filter apertures has pixel weightings which the filter aperture weightings for each of the set of spatial filter apertures sum to unity over a line including the current pixel and sum to zero on each side of the said line.
2. (original) Apparatus according to Claim 1, wherein said line is vertical.
3. (original) Apparatus according to Claim 1 or Claim 2, wherein the set consists of three spatial filter apertures.
4. (currently amended) Video processing apparatus comprising a slope detector and a spatial filter having a positive filter aperture, a linear filter aperture and a negative filter aperture; wherein the aperture of the spatial filter is selected in dependence upon the detected slope, such that the positive filter aperture is employed for all detected slopes upon detection of any positive slope in excess of greater than a defined positive slope threshold;
the negative filter aperture is employed for all detected slopes upon detection of any negative slope in excess of less than a defined negative slope threshold; and
the linear filter aperture is employed for all detected slopes otherwise between said positive slope threshold and said negative slope threshold.
5. (previously amended) Apparatus according to Claim 4, wherein in each said filter aperture weighted contributions are taken from pixels with the filter aperture weightings summing to unity over a line including the current pixel and summing to zero on each side of the said line.
6. (original) Apparatus according to Claim 5, wherein said line is vertical.
7. (previously presented) Apparatus according to Claim 2, wherein the set consists of three spatial filter apertures.